Brain Injury

Contents of Volume 13 1999

Volume 13, Number 1, January 1999

Subject review:
Attention and memory dysfunction after traumatic brain injury: cholinergic mechanisms, sensory gating, and a hypothesis for further investigation
D. Arciniegas, L. Adler, J. Topkoff, E. Cawthra, C. M. Filley and M. Reite 1

Original papers:
The influence of traumatic brain injury on acute stress disorder and post-traumatic stress disorder following motor vehicle accidents
R. A. Bryant and A. G. Harvey 15

Problems of patients with chronic aphasia: different perspectives of husbands and wives?
M. E. Santos, M. L. Farrajota, A. Castro-Caldas and L. de Sousa 23

Does the requirement of a craniotomy predict outcome?: a preliminary investigation
R. Zafonte, J. Ricker, L. Lombard, N. Mann and K. Black 31

Progressive scoliosis in early, non-progressive CNS injuries: role of axial muscles
J. C. Detoledo and H. Haddad 39

Circadian rhythm of cerebral perfusion pressure and intracranial pressure in head injury
I. V. Kropyvnytskyy, F. W. Saunders and H. Klemfuss 45

Biofeedback-assisted relaxation training with brain injured patients in acute stages of recovery
D. Holland, T. Witty, J. Lawler and D. Lanzisera 53

Selective serotonin reuptake inhibitor treatment of post-traumatic Klüver-Bucy syndrome
J. Slaughter, W. Bobo and M. K. Childers 59

Case study:
Effects of dopaminergic combination therapy for frontal lobe dysfunction in traumatic brain injury rehabilitation
D. C. Karli, D. T. Burke, H. J. Kim, M. Calvanio, M. Fitzpatrick, D. Temple, M. Macneil, K. Pesez and P. Lepak 63

Volume 13, Number 2, February 1999

Original papers:
Clinical and cost effectiveness of post-acute neurobehavioural rehabilitation
R. Ll. Wood, J. D. McCrea, L. M. Wood and R. N. Merriman 69

Incidence of sexual dysfunction in TBI patients during the early post-traumatic in-patient rehabilitation phase
A. Aloni, O. Keren, M. Cohen, N. Rosentul, M. Romm and Z. Groswasser 89

Assessing auditory comprehension in the context of severe physical disability: the PACST
J. G. Beaumont, J. Marjoribanks, S. Flury and T. Lintern 99

Psychosocial outcome risk indicator: predicting psychosocial outcome following traumatic brain injury
R. Watts and A. Perlesz 113

The usefulness of the Brief Symptom Inventory in the neuropsychological evaluation of traumatic brain injury
J. Slaughter, G. Johnstone, G. Petroski and J. Flax 125

Major life events as risk factors for post-stroke depression
B. A. Bush 131

Rehabilitation outcomes in encephalitis—a retrospective study 1990–1997
S. Moorthi, W. N. Schneider and M. L. Dombovy 139

Case study
Utility of a microcomputer as an external memory aid for a memory-impaired head injury patient during in-patient rehabilitation
H. J. Kim, D. T. Burke, M. D. Dowds and J. George 147

Volume 13, Number 3, March 1999

Review:
Recovery from mild head injury
D. M. Bernstein 151

Original papers:
Epidemiology and predictors of post-concussive syndrome after minor head injury in an emergency population
J. J. Bazarian, T. Wong, M. Harris, N. Leahey, S. Mookerjee and M. Dombovy 173

Intonation unit analysis of conversational discourse in closed head injury
R. J. Wozniak, C. A. Coelho, R. J. Duffy and B. Z. Liles 191

Case studies:
Epileptic falling spells after epidural haematoma in adult Down's syndrome
M. Yoshida, Y. Kuroda and T. Yoshida 205

A case of amnestic syndrome caused by a subcortical haematoma in the right occipital lobe
O. Masuo, S. Maeshima, K. Kubo, T. Terada, K. Nakai, T. Itakura and N. Komai 213

Book reviews 217

Volume 13, Number 4, April 1999

Original papers:
Dissociative disorder after traumatic brain injury
A. Cantagallo, L. Grassi and S. Della Sala 219

MRI, Quantitative MRI, SPECT, and neuropsychological findings following carbon monoxide poisoning
S. D. Gale, R. O. Hopkins, L. K. Weaver, E. D. Bigler, E. J. Booth and D. D. Blatter 229

Differentiation of three brain injury family types
J. F. Kosciulek and D. C. Lustig 245

Lysine vasopressin in post-traumatic memory disorders: an uncontrolled pilot study
P. Eames and R. Ll. Wood 255

Right median nerve electrical stimulation to hasten awakening from coma
J. B. Cooper, J. A. Jane, W. M. Alves and E. B. Cooper 261

A review of the effect of traumatic brain injury on the human sexual response
R. Aloni and S. Katz 269

Aerodynamic, acoustic, and perceptual measures of nasality following traumatic brain injury
M. A. McHenry 281

Astrocyte subtypes in the gray matter of injured human cerebral cortex: a transmission electron microscope study
O. J. Castejón 291

Case study
Anoxic-hypotensive brain injury: neuropsychological performance at 1 month as an indicator of recovery
C. P. Kaplan 305

Volume 13, Number 5, May 1999

Original papers:
Transitions to independent living after ABI
M. A. McColl, D. Davies, P. Carlson, J. Johnston, L. Harrick, P. Minnes and K. Shue 311

A validity study of the WAIT in closed head injury
T. W. McDonald and M. D. Franzen 331

The role of imagery in sexual arousal disturbances in the male traumatically brain injured individual
S. F. Crowe and J. Ponsford 347

Standardized memory tests and the appraisal of everyday memory
T. J. Makatura, C. S. Lam, B. J. Leahy, M. T. Castillo and C. Z. Kalpakjian 355

ICD-10 codes detect only a proportion of all head injury admissions
S. Deb 369

Case studies
Self awareness: effects of feedback and review on verbal self reports and remembering following brain injury
M. W. Schlund 375

Effects of blood glucose levels on performance in activities of daily living: a case example of a diabetic man with an acquired brain injury
P. S. Lee and G. R. Bernicky 381

Rapid evaluation of S-100 serum levels. Case report and comparison to previous results
R. D. Rothoerl, C. Woertgen, M. Holzschuh, C. Metz and A. Brawanski 387

Volume 13, Number 6, June 1999

Original papers:
Emotional activation during therapeutic interaction in traumatic brain injury: effect of apathy, self-awareness and implications for rehabilitation
S. Andersson, P. M. Gundersen and A. Finset 393

A multidisciplinary TBI inpatient rehabilitation programme for active duty service members as part of a randomized clinical trial
S. E. Braverman, J. Spector, D. L. Warden, B. C. Wilson, T. E. Ellis, M. J. Bamdad and A. M. Salazar 405

Prediction of community integration and vocational outcome 2–5 years after traumatic brain injury rehabilitation in Australia
J. Fleming, L. Tooth, M. Hassell and W. Chan 417

Community-based empowerment programme for families with a brain injured survivor: an outcome study
D. Man 433

Special education services provided to students with and without parental reports of traumatic brain injury
K. Hux, J. Marquardt, S. Skinner and V. Bond 447

Case study
A non-typical neuropsychological case presentation of Huntington's disease
S. T. Gontkovsky and G. T. Souheaver 457

Volume 13, Number 7, July 1999

Original papers:
Mild head injury: a misnomer
A. Tellier, L. C. Della Malva, A. Cwinn, S. Grahovac, W. Morrish and M. Brennan-Barnes 463

Exploratory investigation into mild brain injury and discriminant analysis with high frequency bands (32–64 Hz)
K. E. Thornton 477

Cognitive and psychosocial outcome following moderate or severe traumatic brain injury
D. J. Hellawell, R. Taylor and B. Pentland 489

Measuring recovery from post traumatic amnesia
B. A. Wilson, J. J. Evans, H. Emslie, H. Balleny, P. C. Watson and A. D. Baddeley 505

A non-aversive rehabilitation approach for people with severe behavioural problems resulting from brain injury
N. A. Rothwell, G. W. LaVigna and T. J. Willis 521

Characteristics and outcomes of a home and community-based neurorehabilitation programme
G. M. Pace, M. W. Schlund, T. Hazard-Haupt, J. R. Christensen, M. Lashno, J. McIver, K. Peterson and K. A. Morgan 535

The persistence of mood disorders following traumatic brain injury: a 1 year follow-up
A. Bowen, M. A. Chamberlain, A. Tennant, V. Neumann and M. Conner 547

Volume 13, Number 8, August 1999

Original papers:
Incorporation of SPECT imaging in a longitudinal cognitive rehabilitation therapy programme
L. Laatsch, D. Pavel, T. Jobe, Q. Lin and J.-C. Quintana 555

Pre-injury substance abuse among persons with brain injury and persons with spinal cord injury
S. A. Kolakowsky-Hayner, E. V. Gourley III, J. S. Kreutzer, J. H. Marwitz, D. X. Cifu and W. O. McKinley 571

The 'preliminary neuropsychological battery'. An instrument to grade the cognitive level of minimally responsive patients
F. M. Cossa, M. Fabiani, A. Farinato, M. Laiacona and E. Capitani 583

Relationship and family breakdown following acquired brain injury: the role of the rehabilitation team
G. Webster, A. Daisley and N. King 593

Memory remediation in long-term acquired brain injury: two approaches in diary training
T. L. Ownsworth and K. McFarland 605

A comparison of traumatic brain injury in the Saskatchewan native North American and non-native North American populations
J. Blackmer and S. C. Marshall 627

Moclobemide in the treatment of major depressive disorder (DSM-3) following traumatic brain injury
G. Newburn, R. Edwards, H. Thomas, J. Collier, K. Fox and C. Collins 637

Book review 643

Volume 13, Number 9, September 1999

Subject review:
A conceptual model for treatment of externalizing behaviour in acquired brain injury
J. M. Ducharme 645

Case study:
Reduction of severe aggressive behaviour in acquired brain injury: case studies illustrating clinical use of the OAS-MNR in the management of challenging behaviours
N. Alderman, J. A. Davies, C. Jones and P. McDonnel 669

Subject review:
Panic disorder in a patient with traumatic brain injury: a case report and discussion
M. H. Scheutzow and D. R. Wiercisiewski 705

Original papers:
Treatment with amantadine potentiated motor learning in a patient with traumatic brain injury of 15 years' duration
A. D. Shiller, D. T. Burke, H. J. Kim, R. Calvanio, K. G. Dechman and C. Santini 715

Is the social network analysis necessary in the rehabilitation of individuals with head injury?
A. H. Zencius and M. D. Wesolowski 723

Case study:
A treatment selection model for weight reduction in adults with acquired brain injury: applications and preliminary findings
J. Guercio, D. Kriegsman and M. J. McMorrow 729

Book review: 743

Volume 13, Number 10, October 1999

Review of subject:
Patient advocacy at risk: ethical, legal and political dimensions of adverse reimbursement practices in brain injury rehabilitation in the US
J. Banja 745

Original papers:
Cognitive indicators of vocational outcome after severe traumatic brain injury (TBI) in childhood
T. Nybo and M. Koskiniemi 759

Traumatic brain injury: influence of blood alcohol level on post-acute cognitive function
P. S. Tate, D. M. Freed, C. H. Bombardier, S. L. Harter and S. Brinkman 767

Rearranged marriages: marital relationships after head injury
J. Gosling and M. Oddy 785

Carbamazepine in agitation and aggressive behaviour following severe closed-head injury: results of an open trial
P. Azouvi, C. Jokic, N. Attal, P. Denys, S. Markabi and B. Bussel 797

Paroxetine versus citalopram treatment of pathological crying after brain injury
U. Müller, T. Murai, T. Bauer-Wittmund and D. Y. von Cramon 805

Detecting malingering in head injury litigation with the Word Memory Test
P. Green, G. L. Iverson and L. Allen 813

Neuropsychological, MRI and EEG findings after very mild traumatic brain injury
B. Voller, T. Benke, K. Benedetto, P. Schnider, E. Auff and F. Aichner 821

Assessment of minimally responsive patients: clinical difficulties of single-case design
O. Piguet, A. C. King and D. P. Harrison 829

Volume 13, Number 11, November 1999

Original papers:
Traumatic brain injury: a view from the inside
H. Hill 839

Coping with community reintegration after severe brain injury: a description of stresses and coping strategies
T. Karlovits and M. A. McColl 845

Cognitive and behavioural efficacy of amantadine in acute traumatic brain injury: an initial double-blind placebo-controlled study
W. N. Schneider, J. Drew-Cates, T. M. Wong and M. L. Dombovy 863

Effects of acute injury characteristics on neuropsychological status and vocational outcome following mild traumatic brain injury
R. E. Hanlon, J. A. Demery, Z. Martinovich and J. P. Kelly 873

Relations between traumatic brain injury and the environment: feedback reduces maladaptive behaviour exhibited by three persons with traumatic brain injury
M. W. Schlund and G. Pace 889

Bladder tone in patients in post-traumatic vegetative state
B.-Z. Krimchansky, L. Sazbon, L. Heller, H. Kosteff and Z. Luttwak 899

Olfactory function in patients with nasopharygeal carcinoma following radiotherapy
M.-S. Hua. S.-T. Chen, L.-M. Tang and W.-M. Leung 905

Variability of neuropsychological deficits associated with carbon monoxide poisioning: four case reports
M. D. Dunham and B. Johnstone 917

Case report:
Transcortical sensory aphasia due to a left frontal subcortical haemorrhage
S. Maeshima, T. Kuwata, O. Masuo, H. Yamaga, R. Okita, F. Ozaki, H. Moriwaki and P. Roger 927

Case study:
Cognitive outcome after emergent treatment of acute herpes simplex encephalitis with acyclovir
C. P. Kaplan and K. P. Bain 935

Volume 13, Number 12, December 1999

Original papers:
In search of a unified definition for mild traumatic brain injury
R. M. Ruff and P. Jurica 943

Interpretation and comprehension of linguistic humour by adolescents with head injury: a case-by-case analysis
K. Docking, F. M. Jordan and B. E. Murdoch 953

Contribution of functional ratings to prediction of longterm employment outcome after traumatic brain injury
M. Sherer, P. Bergloff, W. High, Jr. and T. G. Nick 973

A study of the health and social needs of carers of traumatically brain injured individuals served by one community rehabilitation team
S. Moules and B. J. Chandler 983

Functional status following traumatic brain injuries: population-based rural–urban differences
M. Schootman and L. Fuortes 995

Neuroendocrine responses following graded traumatic brain injury in male adults
I. Cernak, V. J. Savic, A. Lazarov, M. Joksimovic and S. Markovic 1005

The effect of cocaine on traumatic brain injury outcome: a preliminary evaluation
C. N. Jong, R. D. Zafonte, S. R. Millis and G. Yavuzer 1017

Case study:
Neuroleptic malignant syndrome induced by haloperidol following traumatic brain injury
R. Wilkinson, J. M. Meythaler and S. Guin-Renfroe 1025

Index of Authors 1033